Mountain Ash
Urban District Council

ANNUAL REPORT

of the
Medical Officer of Health

1945

STEPHENS & GEORGE LIMITED, PRINTERS, ABERDARE

MOUNTAIN ASH URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR ENDED THIRTY-FIRST
DECEMBER, ONE THOUSAND NINE
:: : HUNDRED AND FORTY-FIVE : ::

STEPHENS & GEORGE LIMITED, PRINTERS, ABERDARE

CONTENTS

	PAGE
Act, Public Health, 1936 (Sections 203, 204) ...	12
Ambulance Facilities	9
Antitoxin and Serum	29
Dental Work	17
Diphtheria Immunisation	29
Disinfection	29
Food, Inspection and Supervision of	23
Hospitals : General	9
,, Maternity	9
,, Isolation	9
Infestation Order, 1943	22
Inspectors, Sanitary, Summary of Work	20
Institutional Provision for Mothers and Children ...	11
Laboratory Work	25
Maternity and Child Welfare Centres	11
Meat and Other Foods, Inspection of	23
Milk, Mothers and Children Orders, 1919	11
Midwifery Services	11
Mortality, Infantile	4
Notifiable Diseases	26
Orthopaedic Treatment	18
Reports, Health Visitors	12
Rats and Mice Destruction Act, 1919	22
Report on Tuberculosis Visits	29
Statistics, General	3
Shops and Vehicles	24
Tables : Deaths	7-8
,, Infant Mortality	5-6
,, Notified Cases of Tuberculosis	31-32
,, Hospital and Sanatoria Cases	33.34
The Milk and Dairies Regulations, 1926/43	23
The Milk (Special Designations) Order, 1936/38 ...	23
Water Supply	20

MOUNTAIN ASH URBAN DISTRICT COUNCIL

Medical Officer of Health's Annual Report

PUBLIC HEALTH OFFICES,
OXFORD STREET,
MOUNTAIN ASH,
September, 1946.

To the Chairman and Members of the Mountain Ash Urban District Council.

LADIES AND GENTLEMEN,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary condition of the district, and of the work carried out by your Officers of the Public Health Department, including the Tables of Vital Statistics for the year ended 31st December, 1945.

The Report is curtailed in accordance with the circulars issued by the Welsh Board of Health.

GENERAL STATISTICS

Area of the District (in acres)	10,504
Population	32,370
Number of inhabited houses (end of 1945) according to the Rate Books	7,860
Rateable Value	£104,800
Sum represented by a Penny Rate	£384

INFANTILE MORTALITY.

The neo-natal mortality (the number of deaths during the first month of life) was 30.6 per 1,000 births, and 54.3 per cent. of the infantile death-rate.

I append a Table showing the number of deaths of infants under one year of age, and the infantile death-rate per 1,000 births for the past ten years :—

Year	**1936**	**1937**	**1938**	**1939**	**1940**
Number of Deaths	40	47	26	45	31
Death-rate per 1,000 births ...	68.1	84.8	45.7	76.9	53.0

Year	**1941**	**1942**	**1943**	**1944**	**1945**
Number of Deaths	41	28	27	33	35
Death-rate per 1,000 births ...	65.0	45.7	46.4	51.9	57.0

DEATHS (All Ages).

The number of deaths in the district during the year was 409. This gives a death-rate of 12.6 per 1,000 upon an estimated population of 32,370.

The causes of death in the various age groups were as set out in the following tables :—

INFANT MORTALITY.—Net Deaths from stated causes at various ages under 1 year of age.

Cause of Death	*Under 1 week*	1-2 *weeks*	2-3 *weeks*	3-4 *weeks*	*Total under 4 weeks*	1-3 *4 weeks and under 3 months*	3-6 *3 months and under 6 months*	6-9 *6 months and under 9 months*	9-12 *9 month and under 12 months*	*Total Deaths under 1 year*
1	2	3	4	5	6	7	8	9	10	11
Measles	—	—	—	—	—	—	1	—	—	1
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis	—	—	—	—	—	—	—	—	—	—
Other T.B. Diseases	—	—	—	—	—	—	—	—	—	—
Convulsions	—	—	1	—	1	—	1	—	—	2
Influenza	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	—	—	—	—	—	—	—	—	—
Pneumonia	—	—	—	—	—	2	1	1	1	5
Diarrhoea	—	—	—	—	—	—	—	—	—	—
Enteritis	—	—	—	—	—	3	1	1	—	5
Gastritis	—	—	—	—	—	—	—	—	—	—
Syphilis	—	—	—	—	—	—	—	—	—	—
Rickets	—	—	—	—	—	—	—	—	—	—
Suffocation, Accidental	2	—	—	—	2	—	—	—	—	2
Injury at Birth	—	—	—	—	—	—	—	—	—	—
Atelectasis	—	—	—	—	—	—	—	—	—	—
Congenital Malformations	2	3	—	—	5	—	1	—	—	6
Premature Birth	8	—	—	—	8	—	—	—	—	8
Atrophy, Debility and Marasmus ...	1	—	—	—	1	2	—	—	—	3
Other Causes	1	—	—	—	1	1	1	—	—	3
Ill-defined Diseases	—	—	—	—	—	—	—	—	—	—
GRAND TOTAL	14	3	1	—	18	8	6	2	1	35

DEATHS Registered during the Calendar Year 1945, classified by age and causes.

Name of District—MOUNTAIN ASH.

ANALYSIS OF NETT DEATHS ACCORDING TO AGE.

Cause of Death	Nett Deaths at the subjoined Ages of Residents whether occurring within or without the District												
	Under One year	*1 and under 2 years*	*2 and under 3 years*	*3 and under 4 years*	*4 and under 5 years*	*5 and under 10 years*	*10 and under 15 years*	*15 and under 20 years*	*20 and under 35 years*	*35 and under 45 years*	*45 and under 65 years*	*65 and upwards*	*Total*
1	2	3	4	5	6	7	8	9	10	11	12	13	
Typhoid and Para Typhoid Fevers ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	1	—	—	—	—	—	—	—	—	—	1
Tuberculosis of Respiratory System ...	—	—	—	—	—	—	—	1	9	5	5	2	22
Other Forms of Tuberculosis ...	—	—	2	—	—	1	—	—	—	—	—	1	4
Syphilitic Diseases	—	—	—	—	—	—	—	—	—	—	2	—	2
Influenza	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	1	—	—	—	—	—	—	—	—	—	—	—	1
Acute polio-myelitis and polio-encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute infectious encephalitis ...	—	—	—	—	—	—	—	—	1	—	—	—	1
Cancer	—	—	—	—	—	—	—	—	1	2	22	25	50
Diabetes	—	—	—	—	—	—	—	—	—	1	2	1	4
Intra-cranial Vascular Lesions ...	—	—	—	—	—	—	—	—	—	2	11	33	46
Heart Disease	1	—	—	—	—	—	1	—	3	4	24	61	94
Other Diseases of the Circulatory System	—	—	—	—	—	—	—	—	—	—	2	2	4
Bronchitis	—	—	—	—	—	—	—	—	—	1	9	19	29
Pneumonia	5	1	1	—	—	1	—	—	—	—	6	3	17
Other Respiratory Diseases ...	—	—	—	—	—	—	—	—	—	—	10	6	16
Ulcer of Stomach or Duodenum ...	—	—	—	—	—	—	—	—	—	2	2	1	5
Diarrhoea (under 2 years of age)	6	—	—	—	—	—	—	—	—	—	—	—	6
Appendicitis	—	—	—	—	—	—	—	1	2	—	—	—	3
Other Digestive Diseases	—	—	—	—	—	—	—	—	—	1	2	4	7
Nephritis	—	—	—	—	—	—	—	1	—	1	1	3	6
Puerperal and Post-abortive Sepsis ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Maternal Causes	—	—	—	—	—	—	—	—	3	2	—	—	5
Congenital Malformations, Birth Injury, Infantile Disease ...	16	1	—	—	—	—	—	—	—	—	—	—	17
Suicide	—	—	—	—	—	—	—	—	1	—	—	—	1
Violent Deaths	1	—	1	2	—	1	1	2	4	3	1	3	19
All other causes	8	1	—	—	—	—	1	—	—	—	10	29	49
GRAND TOTAL	38	3	5	2	—	3	3	5	24	24	109	193	409

AMBULANCE FACILITIES, CLINICS AND TREATMENT CENTRES.

The particulars re Ambulance Facilities, Clinics and Treatment Centres are as set out in previous Annual Reports.

HOSPITALS.

The arrangements between the Hospital Committee and the Council that children of the area who require a general anaesthetic for dental treatment, and treatment for tonsils and adenoids, shall be treated at the Hospital was continued during the year under review. 142 school children and 5 of pre-school age were operated upon during the year.

MATERNITY (Lady Aberdare) HOSPITAL.

The number of persons admitted during the year was 241. The number of patients delivered was 203, of whom 177 were delivered by midwives, and 26 delivered by doctors. Of the patients admitted and delivered, 129 were primiparae and 74 multiparae.

38 ante-natal cases were treated during the year.

2 maternal deaths and 4 infant deaths occurred during the year, and there were 12 still-births.

ISOLATION HOSPITAL.

The number of cases admitted and treated during the year was :—

Diphtheria	43
Laryngeal diphtheria... ...	3
Scarlet fever	69
Puerperal pyrexia	2
Enteric fever	2
Total	119

There were 25 patients in Hospital on 31st December, 1944 : 119 patients were admitted during the year, 132 were discharged, leaving 10 patients in Hospital on 31st December, 1945. There were 2 deaths at the Hospital during the year.

The arrangements for the treatment of patients suffering from small-pox, tuberculosis, for orthopaedic treatment and at hospitals controlled by the Public Assistance Committee, are as mentioned in my previous Annual Reports.

Maternity and Child Welfare

MILK (MOTHERS AND CHILDREN) ORDER, 1919.

The sale of dried milk, virol, emulsion of cod liver oil and colact was continued at the Centres during the year under review.

The value of the food sold at the Centres during the year was £2,514 1s. 7d.

MIDWIFERY SERVICES.

The following named midwives have been appointed as full-time midwives for this area by the Glamorgan County Council, who are the Local Supervising Authority :—

Mrs. Margaret Vale, 7 Ifor Street, Mountain Ash.

Mrs. B. Hearth, 10 Miskin Terrace, Mountain Ash.

Mrs. E. M. Marks, 31 Penybryn Terrace, Penrhiwceiber

Mrs. E. Dorman Lewis, Frondeg, Matthewstown, Penrhiwceiber.

Mrs. Gwenllian A. Blake, 4 Walter Street, Abercynon

Mrs. Olwen Evans, Park View, Abercynon.

Mrs. Rachel Williams, 6 High Street, Ynysybwl.

INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

There is no institutional provision for unmarried mothers, illegitimate infants and homeless children in the district other than that provided by the Public Assistance Committee.

PUBLIC HEALTH ACT, 1936 (Sections 203-204).

I append hereunder the Health Visitors' Reports for the year :—

DARRANLAS & MISKIN DISTRICT (Health Visitor, Miss A. WHITE)

First Visits	*Darranlas*	*Miskin*	*Total*
First Quarter ...	15	15	30
Second Quarter ...	17	14	31
Third Quarter ...	19	19	38
Fourth Quarter ...	26	10	36
Total	77	58	135

The children visited for the first time were found to be fed as follows :

Feedings	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	19	14	16	17	66
Breast Fed & Otherwise ...	2	5	9	6	22
Cow's Milk	—	—	—	—	—
Condensed Milk	—	—	—	—	—
Patent Food	8	10	13	11	42
Total	29	29	38	34	130

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Other-wise*	*Cow's Milk*	*Con-densed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Re-movals*	*Total*
1st Quarter	67	34	8	—	134	219	3	10	475
2nd Quarter	38	33	17	—	93	256	1	2	440
3rd Quarter	71	55	12	—	78	213	3	7	439
4th Quarter	39	30	—	—	119	220	1	6	415
Total ...	215	152	37	—	424	908	8	25	1769

Still Births	5
Pneumonia	7
Puerperal Pyrexia	4
Infant Welfare Centre—No. of visits	1193
No. of Women at Ante-Natal Clinic	178
No. of Attendances at Ante-Natal Clinic	334
Home visits	87

Treatment : Ears 28 ; Eyes 32 ; Measles 16 ; Whooping Cough 6 ; Visits to War-time Nursery, 33.

PENRHIWCEIBER DISTRICT (Health Visitor, Miss RUTH DAVIES).

First Visits	*Total*
First Quarter	40
Second Quarter ...	34
Third Quarter	30
Fourth Quarter ...	57
Total	161

The children visited for the first time were found to be fed as follows :

Feedings	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	27	24	24	42	117
Breast Fed & Otherwise ...	5	—	1	—	6
Cow's Milk	—	—	—	—	—
Condensed Milk	—	—	—	—	—
Patent Food	14	6	4	7	31
Total	46	30	29	49	154

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Other-wise*	*Cow's Milk*	*Con-densed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Re-movals*	*Total*
1st Quarter	32	22	5	—	103	282	4	5	453
2nd Quarter	32	24	5	—	103	315	1	5	485
3rd Quarter	42	15	2	—	86	206	2	4	357
4th Quarter	19	5	2	—	95	170	3	1	295
Total ...	125	66	14	—	387	973	10	15	1590

Still Births	7
Pneumonia	22
Puerperal Pyrexia	1
Infant Welfare Centre—No. of visits	1063
No. of Women at Ante-Natal Clinic	229
No. of Attendances at Ante-Natal Clinic	534
Home Visits	92

Treatments : Eyes and Ears 127

ABERCYNON DISTRICT (Health Visitor, Miss M. JAMES).

	First Visits	*Total*
First Quarter		30
Second Quarter ...		17
Third Quarter		30
Fourth Quarter ...		28
Total		105

The children visited for the first time were found to be fed as follows :

Feedings	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	13	9	18	19	59
Breast Fed & Otherwise ...	—	3	1	—	4
Cow's Milk	—	—	—	—	—
Condensed Milk	—	1	1	—	2
Patent Food	14	4	9	9	36
Total	27	17	29	28	101

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Otherwise*	*Cow's Milk*	*Condensed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Removals*	*Total*
1st Quarter	45	17	20	—	107	66	1	2	258
2nd Quarter	47	19	7	—	103	70	1	—	247
3rd Quarter	51	28	6	3	94	81	—	—	263
4th Quarter	63	29	12	5	107	81	—	3	300
Total ...	206	93	45	8	411	298	2	5	1068

Still Births	4
Pneumonia	4
Puerperal Pyrexia	1
Infant Welfare Centre—No. of Visits	951
No. of Women at Ante-Natal Clinic	94
No. of Attendances at Ante-Natal Clinic	383
Home Visits	59

Treatments : 73 ; Whooping Cough 1

YNYSBOETH & DUFFRYN DISTRICT (Health Visitor, Miss J. M. DAVIES)

First Visits	*Duffryn*	*P'ceiber*	*Abercynon*	*Total*
1st Quarter	23	5	9	37
2nd Quarter	16	5	12	33
3rd Quarter	17	7	9	33
4th Quarter	7	12	13	32
Total ...	63	29	43	135

The children visited for the first time were found to be fed as follows :

Feedings	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	33	31	30	24	118
Breast Fed & Otherwise ...	—	—	—	—	—
Cow's Milk	—	—	—	—	—
Condensed Milk	—	—	—	—	—
Patent Food	2	3	4	3	12
Total	35	34	34	27	130

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Other-wise*	*Cow's Milk*	*Con-densed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Re-movals*	*Total*
1st Quarter	78	22	2	—	96	206	2	2	408
2nd Quarter	90	30	1	—	80	225	—	10	436
3rd Quarter	68	40	1	—	90	144	1	6	350
4th Quarter	85	40	—	—	84	154	3	4	370
Total ...	321	132	4	—	350	729	6	22	1564

Still Births	5
Pneumonia	6
Puerperal Pyrexia	—
Infant Welfare Centre—No. of visits	1505
No. of Women at Ante-Natal Clinic	201
No. of Attendances at Ante-Natal Clinic	383
Home Visits	78

Treatments : 86

YNYSYBWL DISTRICT (Health Visitor, Mrs. JONES).

First Visits	*Total*
First Quarter	28
Second Quarter ...	26
Third Quarter	17
Fourth Quarter ...	11
Total	82

The children visited for the first time were found to be fed as follows :

Feedings.	*First Quarter*	*Second Quarter*	*Third Quarter*	*Fourth Quarter*	*Total*
Breast Fed	23	17	14	8	62
Breast Fed and Otherwise ...	—	—	—	—	—
Cows Milk	—	—	—	—	—
Condensed Milk	—	—	—	—	—
Patent Food	4	9	3	4	20
Total	27	26	17	12	82

On re-visiting the children were found to be fed as follows :

Feedings on Re-visiting	*Breast Fed*	*Breast and Other-wise*	*Cow's Milk*	*Con-densed Milk*	*Patent Foods*	*All Foods*	*Deaths*	*Re-movals*	*Total*
1st Quarter	35	5	5	—	32	186	—	—	263
2nd Quarter	40	20	3	—	31	175	—	3	272
3rd Quarter	35	40	2	2	45	100	—	—	224
4th Quarter	30	10	11	—	35	92	1	4	183
Total ...	140	75	21	2	143	553	1	7	942

Still Births	2
Pneumonia	—
Puerperal Pyrexia	—
Infant Welfare Centre—No. of visits	1102
No. of Women at Ante-Natal Clinic	52
No. of Attendances at Ante-Natal Clinic	179
Home Visits	35

Treatment : Blepharitis 3 ; Impetigo 9 ; Ottorhoea 4 ; Scabies 1

DENTAL WORK.

School Clinic,
Mountain Ash.

To Dr. R. Ll. Williams, D,S,O,, M.C.,
Medical Officer of Health.

Dear Sir,

I beg to present to you my report of the work carried out at the Maternity and Child Welfare Clinics during the year 1945 :—

(1) **Number of Expectant Mothers** who received operative treatment during the year ...	49
(2) **Number of Operations** in which general anaesthetic was used	37
(3) **Number of Operations** carried out under local anaesthetic	12
(4) **Number of Teeth Extracted**—	
(*a*) Under General anaesthetic	356
(*b*) Under local anaesthetic	22
(5) **Dentures**—	
Full upper	25
Full lower	22
Part upper	2
Part lower	5
Total	54
(5) **Total Number of Attendances**	199

Children of Pre-School Age :

(1) Number examined	13
(2) Found to require treatment	10
(3) Actually treated	10
(4) Number of teeth extracted under general anaesthetic	16
(5) Number of teeth extracted under local anaesthetic...	10

Yours faithfully,

MALDWYN VAUGHAN,
Dental Surgeon.

ORTHOPAEDIC TREATMENT.

The School Clinic,

Mountain Ash.

To Dr. R. Llewellyn Williams, D.S.O., M.C.,
Medical Officer of Health.

Dear Sir,

I beg to submit to you the Quarterly Report on Orthopaedic Work for the quarter ending 31st March, 1945. During the quarter there were 139 children under treatment and observation :—

Number of cases on January 1st		122
Number of new cases		17
		139
Transferred to Education Committee ...	1	
Left the district	2	
Cured	4	
		7
Number of cases on March 31st, 1945 ...		132

Mr. J. Berry Haycraft, M.C., visited Mountain Ash Clinic on March 12th, when he saw 18 children.

7 were seen at the Prince of Wales' Hospital, Cardiff, and 3 were X-Rayed there, and 2 attended the Out-Patient Department. There are 2 children still under treatment at the Crossways Hospital.

The Committee supplied 1 pair of club foot shoes, alterations to 6 pairs of shoes, and 4 plasters.

Clinics were held at Mountain Ash and Abercynon on two sessions per week, at Penrhiwceiber, Ynysboeth and Ynysybwl one session per week. 73 children were seen at the Clinics, of these 54 received treatment, and 10 received treatment at their homes.

Total number of treatments given ...	217
Home visits	65

3 babies were seen at the Maternity Hospital.

I am,

Yours faithfully,

K. BROOMFIELD.

It will be observed that the above report is only for the period which ended on the 31st March. On that date the Orthopaedic Nurse left the service of the Council, and from that date the orthopaedic work has been carried out by the staff of the Glamorgan County Council by agreement with this Authority.

Sanitary Circumstances of the Area

WATER SUPPLY.

There was a plentiful and continuous supply of water throughout the year.

45 samples of water (24 chemical and 21 bacteriological) were taken and sent to the Analyst for examination.

SUMMARY OF WORK DONE BY THE SANITARY INSPECTORS.

Houses and Premises inspected and re-visited ...	3,936
Number of Notices served under Section 93, Public Health Act, 1936 :—	
Informal	556
Statutory	372
General Repairs—	
Chimneys and fireplaces	139
Roofs	351
Eavesgutters and downpipes	311
External walls	35
Doors and windows	189
Internal walls, partitions and ceilings	108
Floors	68
Yards	77
Dry areas provided	0
Boundary walls	17
Pantries	19
Wash-houses and coal-houses	3
Dirty premises	15
Fowls cots removed	3
Insanitary stables	0
Keeping of animals (nuisances)	5
Accumulations	18
Repairs to water services	57

Section 39, Public Health Act, 1936—

Number of Notices served	71

Drainage—

Re-newed and relaid	137
Drains tested	195
Wash-up sinks provided and repaired	10

Section 45, Public Health Act, 1936—

Number of Notices served	160

Sanitary Conveniences—

General repairs	188
Provision of flushtanks	22
Cesspools cleaned	3
New sanitary conveniences erected	0

Factory Act, 1937—

Number of bakehouses on register	11
Number of factories	74
Number of visits	225
Number of Notices served	0

Milk and Dairies Order—

Number of cowsheds on register	36
Number of retailers on register	37
Number of cowsheds up to standard	33
Number of visits	135
Number of samples of milk taken (Bacteriological) ...	21
Number of " Keeping Quality " samples, in conjunction with Ministry of Agriculture, taken	63

Fish Fryers—

Number in district	18
Number of visits	72
Number of Notices served	2

Infectious Diseases—

Number of cases visited :—	
Scarlet fever	83
Diphtheria	44
Erysipelas	7
Cerebro-spinal meningitis	1
Paratyphoid	1

Shops Acts, 1912-1936—

Number of shops on register	560
Number of visits	703

List of bedding, etc., disinfected—

Beds	168
Blankets	194
Pillows and bolsters	206
Quilts	28
Extra articles	101

RATS AND MICE DESTRUCTION ACT, 1919. INFESTATION ORDER, 1943.

The following work has been carried out under the above Act and Order :—

A test treatment of the sewers in the Duffryn Ward was carried out by the Local Authority and supervised by a Technical Officer of the Ministry of Food, with satisfactory result.

Maintenance treatment of the sewers throughout the area was commenced on September 27th and completed on October 20th, 1945. This treatment was carried out in accordance with the recommendation of the Ministry of Food. The bait used was sausage rusk, and the poison Zinc Phosphide.

The refuse tips were also treated during the year. 3 men were engaged to carry out the above treatments. 50 other complaints were also dealt with.

Inspection and Supervision of Food

FOOD AND DRUGS ACT, 1938.

Milk and Dairies Regulations, 1926-1943.

All farms and dairies have been inspected periodically.

21 samples of milk (14 taken by the Sanitary Inspector and 7 taken by the County Sanitary Inspector under Defence Regulation 55G), were taken during the year and sent to the Laboratory for bacteriological examination and chemical tests. 6 samples were found to be unsatisfactory.

Eleven samples were submitted for examination for tubercle bacilli. Bacilli was found to be present in one sample, and action was taken through the County Medical Officer of Health, and the Divisional Veterinary Officer of the Ministry of Agriculture.

THE MILK (Special Designations) ORDERS, 1936 & 1938

Pasteurised milk is the only milk sold under the above mentioned Order in the district. 9 licences were issued during the year to sellers of pasteurised milk, and one licence issued for use of special designation " Pasteurised " in relation to milk pasteurised within the area.

All miik supplied to school children of this area at the schools is pasteurised.

Ten samples of pasteurised milk were submitted for bacteriological examination, and, of these, three were found to be unsatisfactory.

INSPECTION OF MEAT AND OTHER FOODS.

Notices of the intended slaughter of 80 cottagers' pigs were received by the Health Department, and the carcases or organs were examined by the Inspectors.

The following were found upon examination to be unfit for human consumption, were voluntarily surrendered and destroyed :—

	Weight in lbs.
Pork	340
Liver (imported)	37
*Cheese	129
Jam	42
Cocoa	56
Tea	20
Dried fruit	919
Tinned Goods	2,312
Other foods	19
Sugar	5½
*Butter	48
Sausage meat	47

* These commodities were returned to the wholesale supplier.

SHOPS AND VEHICLES.

All shops where meat is sold and prepared for sale were inspected during the year. Motor lorries and vans used for the transportation and sale of meat were also kept under observation.

Laboratory Work

CHEMICAL AND BACTERIOLOGICAL EXAMINATION.

Arrangements have been made with the Glamorgan County Council for the chemical and bacteriological examination of specimens from this Area at the Cardiff and County Public Health Laboratory, Cardiff.

All medical practitioners in the district have been informed that outfits for the collection and transmission of specimens are always kept at the Public Health Offices.

I append a table shewing the nature and number of specimens sent for examination, and the results :—

Disease suspected.	*No. of Specimens.*	*Results. Positive.*	*Negative.*
Diphtheria : Throat swabs	371	71	300
,, Nasal swabs	1	1	0
Tuberculosis : Sputum	6	2	4
Dysentry	1	0	1
Enteric (Faeces and Urine)	12	2	10
Vincents	2	0	2

Notifiable Diseases

The following tables shew the age and ward distribution of the cases of infectious disease notified during the year under review :—

NOTIFIABLE DISEASES DURING THE YEAR.

Diseases.		*Total Cases Notified*	*Number of Cases recorded on Form 118e (corrected figures)*	*Cases admitted to Hospital*	*Total Deaths*
Scarlet Fever		84	83	71	—
Diphtheria		48	21	44	1
Pneumonia		59	59	—	17
Puerperal Pyrexia ...		15	15	2	—
Erysipelas		7	7	—	—
Cerebro-spinal Fever ...		2	1	1	—
Measles		175	175	—	1
Whooping Cough		25	25	—	—
Paratyphoid		1	1	1	—
Typhoid		1	—	1	—
Poliomyelitis		1	—	1	—
Tuberculosis :—					
(*a*) Pulmonary	Males ...	33	—	23	16
	Females	30	—	23	6
	Total ...	63	—	46	22
(*b*) Non-Pulmonary	Males ...	3	—	4	1
	Females	4	—	2	3
	Total ...	7	—	6	4

NOTIFIABLE DISEASES, 1945. Number of Cases notified in each Ward.

Disease	*Duffryn*	*Darran-las*	*Miskin*	*Penrhiw ceiber*	*Aber-cynon*	*Ynysy-bwl*	*Total*	*No. of Cases removed to Hospital.*
Scarlet Fever	11	5	7	43	10	8	84	71
Diphtheria	4	8	5	19	7	5	48	44
Pneumonia	8	6	6	30	9	—	59	—
Puerperal Pyrexia ...	1	1	3	8	2	—	15	2
Erysipelas	—	2	—	1	4	—	7	—
Cerebro-Spinal Fever ...	—	—	1	1	—	—	2	1
Measles	2	3	16	79	—	75	175	—
Whooping Cough	3	11	2	8	1	—	25	—
Poliomyelitis	1	—	—	—	—	—	1	1
Paratyphoid Fever ...	—	—	—	—	—	1	1	1
Typhoid Fever	—	—	—	1	—	—	1	1
TOTAL	30	36	40	190	33	89	418	121

NOTIFIABLE DISEASES, 1945. Analysis of the Total Cases in Age Groups.

Disease	*Under 1 year*	*1 to 2 years*	*2 to 3 years*	*3 to 4 years*	*4 to 5 years*	*5 to 10 years*	*10 to15 years*	*15 to20 years*	*20 to35 years*	*35 to45 years*	*45 to65 years*	*65 yrs. & over*	*Total*
Scarlet Fever	3	1	5	8	10	37	14	3	3	—	—	—	84
Diphtheria	4	1	2	2	2	15	5	5	10	2	—	—	48
Pneumonia	7	1	1	2	2	9	4	2	9	5	12	5	59
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	12	3	—	—	15
Erysipelas...	—	—	—	—	—	—	—	—	—	—	5	2	7
Cerebro-Spinal Fever ...	—	—	—	—	1	—	—	—	1	—	—	—	2
Measles	6	21	27	19	40	60	1	—	1	—	—	—	175
Whooping Cough ...	2	4	1	4	8	6	—	—	—	—	—	—	25
Poliomyelitis	—	—	—	—	—	—	—	—	—	—	1	—	1
Paratyphoid Fever ...	—	—	—	—	—	—	—	1	—	—	—	—	1
Typhoid	—	—	—	—	—	—	—	—	—	—	1	—	1
TOTAL	22	28	36	35	63	127	24	11	36	10	19	7	418

NOTIFIABLE DISEASES DURING THE YEAR.

DIPHTHERIA IMMUNISATION.

The following number of children were immunised during the year under review—under 5 years of age, 490. and from 5 to 15 years of age, 91, a total of 581 children treated.

ANTITOXIN AND SERUM.

A sufficient supply of diphtheria antitoxin is always kept at the Public Health Offices and is supplied free of charge to the Medical Practitioners of the Area.

DISINFECTION.

The homes of all sufferers from infectious disease are, on the termination of the illness, or when patients are removed to hospital, disinfected by spraying with liquid disinfectant or fumigated with formaldehyde gas. Infected bedding, clothing, etc., are removed to the Isolation Hospital, and treated by a Thresh's Steam, Disinfector.

The number of articles treated at the Steam Disinfector will be found in the summary of work carried out by the Sanitary Inspectors.

REPORT ON TUBERCULOSIS VISITS.

The number of visits paid to persons during the year was :—

First visits	47
Re-visits	264
Total number of re-visits ...	311

The cases visited were :—

Adults :			
Pulmonary	...	...	244
Non-pulmonary	...	...	28
Children of school age :			
Pulmonary	...	...	12
Non-pulmonary	...	...	14
Under school age :			
Pulmonary	...	...	Nil
Non-pulmonary	...	...	1

I append a table showing the age and ward distribution of all cases notified and the number treated at the various sanatoria :—

R. LLEWELLYN WILLIAMS,

Medical Officer of Health.

Pulmonary and other Cases of Tuberculosis Notified by Medical Practitioners during 1945.

Ages	WARDS														Tuberculosis Mortality	
	MALES							FEMALES								
	Duffryn	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*	*Duffryn*	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*	*Males*	*Females*
PULMONARY TUBERCULOSIS																
Under 1 year ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 5 years ...	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—
5 to 10 years ...	—	—	1	—	—	1	2	—	—	1	2	—	—	3	—	—
10 to 15 years ...	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—
15 to 20 years ...	—	—	1	—	2	1	4	1	—	—	1	2	1	5	1	—
20 to 25 years ...	—	—	—	—	—	1	1	2	—	—	—	4	—	6	1	2
25 to 35 years ...	1	—	2	1	2	—	6	1	—	2	1	2	1	7	5	2
35 to 45 years ...	1	5	1	—	—	—	7	2	1	1	—	—	—	4	3	1
45 to 55 years ...	1	—	2	1	—	1	5	1	—	—	—	—	—	1	1	1
55 to 65 years ...	—	—	2	1	2	—	5	—	—	1	1	1	—	3	5	—
65 years and over ...	—	—	—	1	1	—	2	—	—	—	—	—	—	—	—	—
TOTAL ...	3	6	9	4	7	4	33	7	1	5	6	9	2	30	16	6
OTHER FORMS OF TUBERCULOSIS																
Under 1 year ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 5 years ...	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	1
5 to 10 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
10 to 15 years ...	—	—	—	1	—	—	1	—	—	—	1	1	—	2	—	—
15 to 20 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20 to 25 years ...	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—
25 to 35 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
35 to 45 years ...	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
45 to 55 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
55 to 65 years ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
65 years and over ...	—	—	—	1	—	—	1	—	—	—	—	—	—	—	1	—
TOTAL ...	1	—	—	2	—	—	3	—	—	—	1	3	—	4	2	2

Cases Admitted, Treated and Discharged from various Sanatoria and Hospitals during 1945.

Name of Institution	WARDS													
	MALES.							FEMALES.						
	Duffryn	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*	*Duffryn*	*Darranlas*	*Miskin*	*Penrhiw-ceiber*	*Aber-cynon*	*Ynysybwl*	*Total*
Pontsarn	3	1	4	—	5	—	13	2	—	2	6	4	—	14
Glan Ely Hospital	2	—	—	—	1	1	4	—	—	—	—	1	3	4
Sully Hospital	—	—	1	—	1	—	2	1	—	1	2	1	1	6
North Wales Sanatorium, Llangwyfan	—	—	1	—	—	—	1	—	—	1	1	1	—	3
Highland Moors	—	—	—	—	2	—	2	—	—	—	—	—	—	—
Gelligaer Isolation Hospital	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Kensington Hospital, St. Bride's, Haverfordwest	—	—	1	—	1	—	2	—	1	1	—	1	—	3
South Wales Sanatorium, Talgarth ...	—	—	—	1	1	2	4	—	—	—	—	—	—	—
Mardy Hospital, Merthyr	—	—	1	—	—	—	1	—	—	—	1	—	—	1
City Hospital, Nottingham	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Energlyn Hospital	—	—	—	—	—	—	—	—	—	—	—	—	1	1
West Wales Sanatorium	—	—	—	—	—	—	—	1	—	—	—	—	—	1
City Isolation Hospital	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Morriston Emergency Hospital ...	—	—	—	—	—	1	1	—	—	—	—	—	—	—
TOTAL	5	1	8	1	11	4	30	4	1	5	11	10	5	36